



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (813) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
P0038225	MES002-VC	1	1	COD	M304TS0.750W.049	304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				1,000	11/10/2017	1,000		S008916	Stock	11/11/2017	\$ 3.80 / ft	0	1	\$3,800.00	Metaux Solutions	
		2	M304TS0.750W.065		304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				500		500		S008917	Stock	11/11/2017	\$ 2.75 / ft	0		\$1,375.00	Metaux Solutions		
Total:										1,500		1,500									\$4,079.07	

Plex 11/11/2017 10:13 AM Dart.Plouffe.Sonia



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038225

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

PO No: PO038225
PO Date: 11/2/17
Due Date: 11/10/17
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
NOV 03 2017

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: COD
Freight Terms:
Special Comments:

Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304TS0.750W.049	-	304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft		Firmed	11/10/17	1,000 ft	0 ft 1000	1,000 ft	\$3.80/ft	\$3,800.00
2	M304TS0.750W.065	-	304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft		Firmed	11/10/17	500 ft 500	0 ft	500 ft	\$2.75/ft	\$1,375.00

Grand Total: \$5,175.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Shipping Order

03/11/2017

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel.: 450 641-3330

Order : 130182
Reference : 38225
Ship : PICK UP / PICK UP

Customer: 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SSQT34340494	304 SQ TUBE .750 X .049 WALL 50' X 20' **** HT: AKE040273	1000	1000 ✓	φ
SSQT34340654	TUBE SS304 180 GRIT 3/4" X 3/4" X .065" 25 X 20' *** HT: TBH041709	500	500 ✓	φ

SHIP JOURNEY COLLECT
JP

SPT 11-11

06/11/17 → 43545-JP

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

Kingmaker Steel Co., Inc.

Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203
Tel.: (732) 302-1800, Fax: (732) 302-1822

001123

Date: 10/26/2017
Invoice No: KM2017/2508
Purchase P008838
Order No:
Sold To:

Material Certification

ISO 9001:2015
ISO 14001:2004
EN 10204/3.1B

Ship To:

Stainless Steel T.I.G. Welded Tubing.

Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3/4" SQ X 0.049"W X 20'	AKE040273	MF	ASTM A554-16	MT-304
2:	1" SQ X 0.120"W X 20'	5G377	MF	ASTM A554-16	MT-304
3:	1-1/2" SQ X 0.120"W X 20'	5F654	MF	ASTM A554-16	MT-304
4:	1-1/2" SQ X 0.180"W X 20'	5G289	MF	ASTM A554-16	MT-304
5:					

NOV 16 2017

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu
1:	.040	.510	1.08	.029	.014	18.10	8.14			
2:	.017	.350	1.39	.029	.011	18.31	8.05			
3:	.023	.380	1.38	.026	.011	18.14	8.03			
4:	.018	.390	1.38	.033	.004	18.27	8.05			
5:										

MECHANICAL PROPERTIES

	Tensile (N/mm2)	Yield (N/mm2)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	673.00	235.00	46.00	82.80			
2:	621.00	272.00	54.00	84.00			
3:	644.00	310.00	52.00	87.00			
4:	654.00	327.00	52.00	89.00			
5:							

WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

000744



YONG CHANG HWA
YC INOX CO., LTD.

檢驗證明書

INSPECTION CERTIFICATE

524彰化縣溪州鄉中山路四段270號
No.270, Sec.4, Jungshan Rd., Shijou Shiang,
Chang-Hwa, Taiwan, R.O.C
http://www.ycinox.com
TEL : +886-4-8899666 FAX : +886-4-8899770



客戶名稱 Customer		客戶編號 Customer No.		FCA027		證明書編號 Certificate No.		170615P0017	
產品名稱 Production		STAINLESS STEEL WELDED TUBE		商業發票號碼 Commercial Invoice No.		J17050350		證明書日期 Date of Issue	
規格名稱 Specification		ASTM A554-16		客戶採購案號 PO No.		P007499		訂購編號 Order No.	
鋼種 Steel Grade		MT-304		重量編號 Weight No.		C17060050		P.I.號碼 P.I.NO.	
項目 Item No.		爐號 Heat No.		產品規格 Product Description		化學成份(%) Chemical Composition		拉伸試驗 Tension Test	
尺寸 Dimension		數量 Quantity Pcs		表面 Finish		碳 C X10 ⁻³		矽 Si X10 ⁻³	
Specification		Min.		Max.		錳 Mn X10 ⁻³		磷 P X10 ⁻³	
1		75		CH1100		80		80	
2		70		CH1100		47		47	
3		80		CH1100		48		48	
4		75		CH1100		43		43	
5		50		CH1100		52		52	
6		75		CH1100		47		47	
7		25		CH1100		18		18	
TOTAL:		450							
附註 Remark		This certificate complies to 3.1/EN 10204:2004.		註解 Note					
Surveyor By		N/A		Visual Inspection(Surface) and Dimension Check : OK		1.ISO 9001:2008 (No.01 100 068259) 2.PED / AD2000 (No.01 202 TWM/Q-05 0105) 3.ISO 14001:2004 (No.01 101 822 095385) 4.OHSAS 18001:2007 (No.01 113 822 096385)		Manager of Quality Assurance Department	
								1MPa=1N/mm ² =10bar=145psi=10.2kgf/cm ²	
								*01= Hardness Test *Gauge Length: 50mm	
								Jae Yi Lee	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304T50.750W.065
 DATE: 17-11-16

PO / BATCH NO.: 38225/S008917

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 25 X 20' 500'
 QUANTITY INSPECTED: 25 X 20' 500'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .75 X .75 .065
 THICKNESS RECEIVED: .75 X .75 .065
 SHEET SIZE ORDERED: 0
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	N	ASTM A554
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	HT: TBH04 708
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>38</u> DATE: <u>NOV 16 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304T50.750W.049

PO / BATCH NO.: 38225 / 5008916

DATE: 17-11-16

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: .75X75.049

QUANTITY RECEIVED: 50X20' 1000'

THICKNESS RECEIVED: .75X.75.049

QUANTITY INSPECTED: 50X20' 1000'

SHEET SIZE ORDERED: Ø

QUANTITY REJECTED: Ø

SHEET SIZE RECEIVED: Ø

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	N	ASTM A554
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	Y	N	MT: AR E040273
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAI 38 2-86</u> DATE: <u>NOV 16 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in